



robotics.  
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automation redefined™

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## MACHINE BUILDER

DEMCO Automation is a regional leader in designing and constructing automated assembly systems for the medical device, electronics, pharmaceutical, automotive, and consumer products industries. We are located in Quakertown, PA, and searching for a Machine Builder to join our team:

### Experience & Requirements:

- 3-5 years minimum experience in conventional machining technologies including vertical milling machine, lathe, and surface grinder.
- 2-4 years minimum experience in assembling mechanical sub-assemblies, mechanisms, or other systems.
- Machining experience in various materials including but not limited to carbon steels, stainless steels, tool steels, and plastics.
- Machine components to tolerances of +/- 0.005" (application specific) and below.
- Proficient in reading machined part drawings with little or no assistance.
- Familiarity with bearings, cams, linkages, pneumatic cylinders, ball screws, sensors and other equipment-related components
- Assemble mechanisms, machine frames, safety guarding.
- Fabricate machine guarding and framing from aluminum extrusion, polycarbonate sheet, and basic thinner gauge sheet metal fabrications.
- Operate fork truck and/or pallet jack equipment as needed.
- Have the ability to lift 75 pounds
- Ability to stand for 8 to 10 hours a day.
- Able to work in a fast paced, changing environment.
- Work in a team environment with engineering, management, and manufacturing personnel to provide innovative solutions.
- Regular use of measuring instruments (caliper, micrometer, gauges, etc.).
- Working knowledge of pneumatics, bearings, slides, sensors, mechanical adjustments, dies, tooling, etc. is preferred but not required.
- Experience in operating CNC vertical machining centers is preferred but not required.
- Detail oriented.
- Ability to prioritize and organize and ability to multitask.
- Good math and communication skills.

### Roles & Responsibilities:

- Machine and/or fabricate various machine elements within custom automated assembly systems including areas such as mounting brackets, assembly mechanisms, robotic grippers, safety guarding, machine frames, pneumatic/motor-driven actuators.
- Assemble mechanical sub-assemblies, assemble guarding, and basic debugging of equipment.
- Perform machine adjustments, alignments, and other equipment setup-related tasks during project construction.
- Perform other duties as requested from time to time to fulfill corporate goals and objectives.